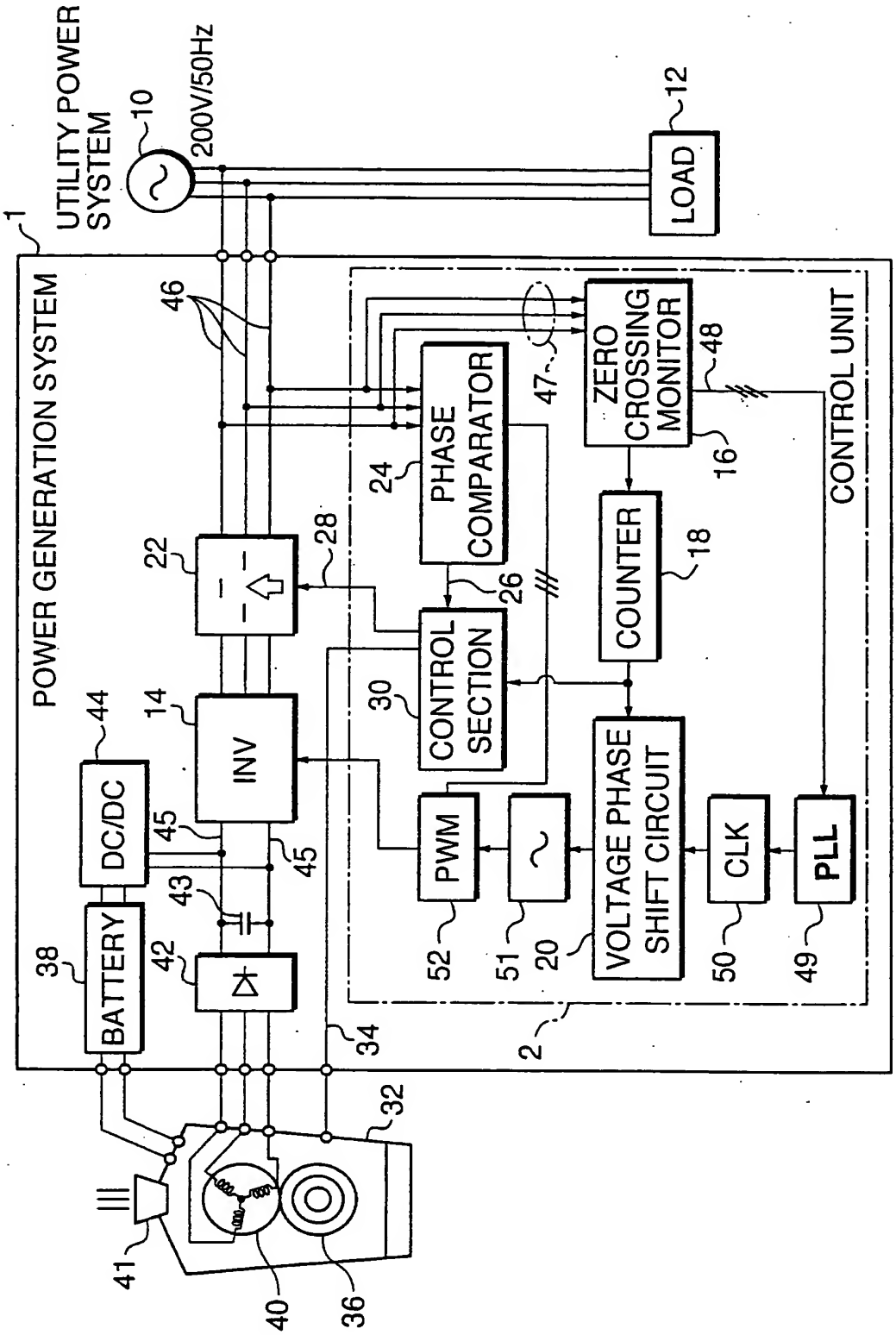
FIG. 1


UTILITY POWER SYSTEM
10
200V/50Hz
LOAD
12
1
POWER GENERATION SYSTEM
CONTROL UNIT
46
47
ZERO CROSSING MONITOR
48
16
PHASE COMPARATOR
24
22
28
26
COUNTER
18
CONTROL SECTION
30
14
INV
44
DC/DC
45
45
43
38
BATTERY
42
PWM
52
51
20
VOLTAGE PHASE SHIFT CIRCUIT
CLK
50
PLL
49
2
34
32
41
40
36